

REMARKS

In response to the Office Action mailed April 18, 2005, Applicant respectfully requests reconsideration. To further the prosecution of this Application, Applicant submits the following remarks and has canceled claims. The claims as now presented are believed to be in allowable condition.

Claims 1-21 were pending in this Application. By this Amendment, claims 1-5 and 18-21 have been canceled without prejudice. Applicants expressly reserve the right to prosecute such at least some of the canceled claims and similar claims in one or more related Applications. Accordingly, claims 6-17 are now pending in this Application. Claim 6 is an independent claim.

Objection to the Specification

The Specification was objected to due to a few minor informalities. Applicant wishes to thank Examiner Tang for identifying these informalities. Applicant has corrected these informalities. No new matter has been added. Accordingly, the objection to the Specification should be withdrawn.

Objection to the Drawings

The Drawings were objected to as not showing every feature of the invention specified in the claims. In particular, paragraph 3 of the Office Action contends that the limitations (i) "a sensor which is configured to attach to one of a module and the module holder" and (ii) "an element attached to the other of the module and the module holder" must be shown or the feature canceled from the claims.

Applicant respectfully traverses this objection. Each of the above-listed limitations is shown in the Drawings. In particular, on page 8, lines 15-17, the Specification refers to circuit board elements 58 and sensors 60. Additionally, Fig. 1 shows circuit board elements 58 attached to circuit board modules 36, and sensors 60 attached to a card cage 30 along respective card cage slots 56 (i.e., a module holder). Furthermore, page 18, line 12 through page 19, line 2 of the

Specification explains that, in alternative arrangements, there are elements 58 at the card cage slots 56, and sensors 60 on the modules 36. One of ordinary skill in the art at the time of the invention would understand this to clearly mean that, in such alternative arrangements, the sensors 60 are where the elements 58 are shown, and the elements 58 are where the sensors 60 are shown. Accordingly, the every limitation is already shown and there is no need to cancel any feature from the claims. Thus, the objection to the Drawings should be withdrawn.

Objections to the Claims

Claim 6 was objected to apparently for reasons similar to those given in the above-provided objection to the Drawings (see paragraph 6 of the Office Action). Applicant respectfully traverses this objection to claim 6. There is ample support in the Specification for all of the limitations of claim 6 as explained above in connection with the drawings. Namely, on page 8, line 15 through page 9, line 2 discloses circuit board elements 58 attached to circuit board modules 36, and sensors 60 attached to a card cage 30 along respective card cage slots 56 (i.e., a module holder). Furthermore, page 18, line 12 through page 19, line 2 of the Specification explains that, in certain arrangements, there are elements 58 at the card cage slots 56, and sensors 60 on the modules 36. Accordingly, the Specification fully discloses the invention as recited in claim 6 and objection to claim 6 should be withdrawn.

Claim 8 was objected to due to a minor informality. Applicant wishes to thank Examiner Tang for point out this informality, and has corrected this informality. Accordingly, the objection to claim 8 should be withdrawn.

Condition for Allowance

The Office Action has explained that the Application is in condition for allowance except for certain formal matters: objection to the specification, the drawings and the claims. Applicant has addressed each of these matters within this Amendment. Accordingly, Applicant respectfully submits that claims 6-17

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are now in allowable condition, and that the Application is now fully in condition for allowance.

Conclusion

In view of the foregoing remarks, this Application should be in condition for allowance. A Notice to this affect is respectfully requested. If the Examiner believes, after this Amendment, that the Application is not in condition for allowance, the Examiner is respectfully requested to call the Applicant's Representative at the number below.

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this Amendment, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Patent Office is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,



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